

Express Mail No.: EV374985861US  
PATENT  
H0003762-1170

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Chien-Wei Li Serial No.: Filed herewith Filing Date: Filed herewith For: ATOMIC LAYER DEPOSITION FOR TURBINE COMPONENTS	
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**COMMENTARY RE INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

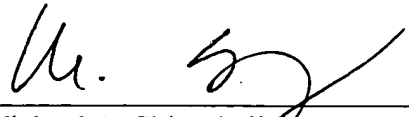
Dear Sir:

In accordance with 37 CFR §1.56, and in recognition of his duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicant identifies the prior art listed on the attached Information Disclosure Statement (Form PTO-1449). The statement is not a representation that all of the information cited is necessarily effective as prior art against the application. Only copies of non US patents and patent applications are enclosed, if any.

Applicant respectfully requests that the disclosed reference be made of record in the subject application.

Respectfully submitted,

Dated: January 16, 2004

  
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheet as necessary)				<b>Complete if Known</b>	
				<b>Application Number</b>	filed herewith
				<b>Filing Date</b>	filed herewith
				<b>First Named Inventor</b>	LI, Chien-Wei
				<b>Group Art Unit</b>	
				<b>Examiner Name</b>	
<b>Sheet</b>	1	<b>of</b>	2	<b>Attorney Docket Number</b>	H0003762-1170

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code <sup>2</sup> (if known)			
	1	US- 6,585,823	07-01-2003	VAN WIJCK	
	2	US- 2003-0059633 A1	03-27-2003	ACKERMAN et al.	
	3	US- 2003-0026989 A1	02-06-2003	GEORGE et al.	
	4	US- 6,503,330 B1	01-07-2003	SNEH et al.	
	5	US- 6,492,038 B1	12-10-2002	RIGNEY et al.	
	6	US- 6,416,870 B1	07-09-2002	HUNT et al.	
	7	US- 6,203,927 B1	03-20-2001	SUBRAMANIAN et al.	
	8	US- 6,203,613 B1	03-20-2001	GATES et al.	
	9	US- 6,103,386 A1	08-15-2000	RAYBOULD et al.	
	10	US- 5,998,003	12-07-1999	COURTRIGHT et al.	
	11	US- 5,855,753	01-05-1999	TRAU et al.	
	12	US- 5,562,998	10-08-1996	STRANGMAN	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	13	WO 03/058734 A1	07-17-2003	CHAN, Chung M., et al.		

<b>Examiner Signature</b>		<b>Date Considered</b>	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002, OMB 0651-0031

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheet as necessary)				<b>Complete if Known</b>	
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				<b>Group Art Unit</b>	
				<b>Examiner Name</b>	
Sheet	2	of	2	<b>Attorney Docket Number</b>	H0003762-1170

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when Appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	14	RITALA, Mikko, et al., <i>Atomic Layer Deposition</i> , Handbook of Thin Film Materials, October 2001, Volume 1, Chapter 2; San Diego, U.S.	
	15	SNEH, Ofer, et al.; <i>Thin Film Atomic Layer Deposition Equipment for Semiconductor Processing</i> ; Thin Solid Films 402 (2002); pp. 248-261	

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